

Abstract

According to an aspect of the present invention one or more radio units of a wireless device are used to measure or detect clues about the radio propagation environment and type of space that surrounds a wireless device. From the measurements, the wireless device may determine the type of location that it is located within, whether that is simply a determination between inside and outside or a more complex determination of the type of building or space that the wireless device is located within. In either case, this determination can be used to automatically change/adjust the radio system operation parameters the wireless device operates in accordance with. With the type of location determined, a wireless device may then automatically select the appropriate radio system operation parameters for the type of location that it is in and the corresponding regulations that apply.